

# WÖHLER



## COMPACT, RUGGED, LOADED WITH SMART FUNCTIONS

### Wohler A 450 Combustion Analyzer

The compact class – sturdy and smart

*The Measure of Technology*

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Made in  
Germany

[sales@GlobalTestSupply.com](mailto:sales@GlobalTestSupply.com)

# Wohler A 450 Combustion Analyzer

The compact class – sturdy and smart

A Combustion Analyzer that offers all measurement and tuning functions. A small and lightweight Combustion Analyzer enclosed in an eye-catching, sturdy housing. The Wohler A 450 is a handheld device with user friendly touchscreen control, displays all measurement data on screen or connect and view on your smart devices.

The Wohler A 450 is a sturdy measuring device that combines solid workmanship with a clear color display. All measured values are displayed clearly at a glance. The Wohler A 450 is a well rounded tool that offers flue gas analysis, draft measurement, burner tuning guide, adjustment tasks on gas and oil systems and even solid fuel fireplaces. The Wohler A 450 device is compact and lightweight by design and is user friendly. The menu consists of icons similar to those known from smartphones, you simply tap an icon to open the individual menu items.

In addition to the user-friendly convenience of the touchscreen, the Wohler A 450 also offers other

advantages that "smart devices" provide. You are able to transmit all measurement data to a mobile device (smartphones, tablets by Android and iOS) via Wireless LAN. These devices can then display the measurements as numerical values or as a graph in the Wohler A 450 APP. The APP gives technicians the option of reading measurements already taken and also the ability to take new measurements through the APP. This proves to be beneficial when measuring at points with poor accessibility. The measurement data can be saved in different formats and sent to the customer by email.

  
WIRELESS LAN  
TRANSMISSION

  
5"  
TOUCHSCREEN

  
PRINTER

  
USB

  
1.5 LBS

  
A 450 APP

**CO**  
AMBIENT

  
WÖHLER  
TUNING GUIDE

**PC**  
SOFTWARE

- ▶ Switch on – read off – done
- ▶ Rugged and compact analyzer that offers all measurement and tuning functions
- ▶ High-resolution 5" color touchscreen: 14 measured values available at a glance
- ▶ Safety through durable sensors and multistage filter technology
- ▶ State of the art technology with network connectivity via wireless LAN
- ▶ Free Wohler A 450 App available on the App Store or Google Play



All measured values available at a glance with high-resolution display.



Wöhler A 450 app: Displaying the measured data on a mobile device.



Printout of the measured data on site.



The tuning guide offers an advanced guidance to properly adjust the burner.



Easy access to condensate trap and filters.



Sturdy and enclosed in a case.

## ✂ Application

- ▶ Residential combustion analysis
- ▶ Service and maintenance tasks
- ▶ Determine flue gas loss and burner tuning
- ▶ Immission control measurements
- ▶ NO measurement (optional)
- ▶ Differential pressure / gas pressure measurement)

## ⚙ Functionality

- ▶ Simple to use
- ▶ Large 5" color touchscreen: Displays up to 14 measurement readings
- ▶ Intuitive to operate via on-screen keyboard
- ▶ Graphic hotspot search

## 🔧 Safety / Reliability

- ▶ 48 month warranty<sup>1)</sup>
- ▶ Effective condensate protection
- ▶ Multistage filter technology incl. water stop filter
- ▶ Electronic filter monitor with illuminated condensate trap
- ▶ Analyzer and sensor diagnostics
- ▶ Field replaceable sensors – user-friendly
- ▶ Up to 6 hours operation time with Li-Ion battery
- ▶ Tough probe hose

## 💾 Data management

- ▶ Store up to 1,000 customer records
- ▶ Data transmission by USB / Wireless LAN / infrared
- ▶ Wohler A 450 app included

<sup>1)</sup> O<sub>2</sub> sensor 48 months, CO sensors 5,000 ppm 24 months; excludes thermocouples, rechargeable battery and optional NO sensor. For more information see our Terms and Conditions.

## Technical Data

Display	5" Colour touch screen	
Sensors	up to 3	
	O <sub>2</sub>	0...21 %
	CO	0...5,000 ppm
		0...10,000 ppm
	NO	0...3,000 ppm
Power supply	Li-Ion battery 6 h service life	
Weight	1.5 lbs	
Security	4 Filter technology with filter monitoring	

## Wohler A 450 APP

Do you prefer to use your smartphone or tablet for all your work? The Wohler A 450 APP is exactly what you need for measuring and adjustment tasks. Available for both Android and iOS devices!

- ▶ Remote control of measurements at locations where access is difficult
- ▶ Direct Wireless LAN connection to a smart device
- ▶ Data can be sent from smartphone / tablet by email



The measured values can be sent to mobile devices via Wireless LAN and further processed via APP.





# Kits



		Wohler A 450 L Combustion Analyzer	Wohler A 450 Combustion Analyzer	Wohler A 450 Combustion Analyzer	Wohler A 450 Combustion Analyzer
Scope of delivery	Wohler A 450 L Combustion Analyzer	•			
	Wohler A 450 Combustion Analyzer		•	•	•
	5,000 ppm CO sensor	•			
	10,000 ppm CO sensor		•	•	•
	Wireless LAN, USB and IR interfaces	•	•	•	•
	USB battery charger with Micro-USB cable	•	•	•	•
	Rechargeable Li-Ion battery 6 h service life	•	•	•	•
	Plastic case MIDI	•			
	Plastic case MAXI		•	•	•
	Flue gas probe 1 ft with 5 ft hose assembly	•	•	•	•
	Combustion air temperature probe 1 ft with 6 ft hose assembly			•	•
	Wohler TD 100 fast thermal printer	•		•	•
	Thermal paper	•		•	•
	Cotton filter (25 pieces)	•	•	•	•
	Clamping cone	•		•	•
	PTFE cone			•	
	Differential pressure measurement set	•		•	
	Wohler RP 72 smoke test pump				•
	P/N	8174	8387	8389	8390